

Data Path : Z:\voasrv\HPCHEM1\MSVOA_N\Data\VN110923\
 Data File : VN080026.D
 Acq On : 09 Nov 2023 16:59
 Operator : JC\MD
 Sample : VN1109WBSD01
 Misc : 5.0mL/MSVOA_N/WATER
 ALS Vial : 7 Sample Multiplier: 1

Instrument :
 MSVOA_N
 ClientSampleId :

Quant Time: Nov 10 00:36:47 2023
 Quant Method : Z:\voasrv\HPCHEM1\MSVOA_N\methods\82N110123W.M
 Quant Title : SW846 8260
 QLast Update : Thu Nov 02 05:49:08 2023
 Response via : Initial Calibration

Manual Integrations APPROVED

Reviewed By : John Carlone 11/10/2023
 Supervised By : Mahesh Dadoda 11/10/2023

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) Pentafluorobenzene	8.230	168	300567	50.000	ug/l	0.00
34) 1,4-Difluorobenzene	9.106	114	511491	50.000	ug/l	0.00
63) Chlorobenzene-d5	11.871	117	468419	50.000	ug/l	0.00
72) 1,4-Dichlorobenzene-d4	13.794	152	214591	50.000	ug/l	0.00
System Monitoring Compounds						
33) 1,2-Dichloroethane-d4	8.583	65	252220	55.079	ug/l	0.00
Spiked Amount 50.000	Range 74 - 125		Recovery = 110.160%			
35) Dibromofluoromethane	8.171	113	198361	54.794	ug/l	0.00
Spiked Amount 50.000	Range 75 - 124		Recovery = 109.580%			
50) Toluene-d8	10.571	98	692822	51.986	ug/l	0.00
Spiked Amount 50.000	Range 86 - 113		Recovery = 103.980%			
62) 4-Bromofluorobenzene	12.853	95	245089	55.451	ug/l	0.00
Spiked Amount 50.000	Range 83 - 123		Recovery = 110.900%			
Target Compounds						
					Qvalue	
2) Dichlorodifluoromethane	2.124	85	62498	17.263	ug/l	97
3) Chloromethane	2.359	50	71851	15.087	ug/l	99
4) Vinyl Chloride	2.512	62	107468	22.677	ug/l	99
5) Bromomethane	2.959	94	36016	12.508	ug/l	94
6) Chloroethane	3.118	64	54070	14.439	ug/l	97
7) Trichlorofluoromethane	3.495	101	111965	18.995	ug/l	96
8) Diethyl Ether	3.965	74	42425	18.967	ug/l	65
9) 1,1,2-Trichlorotrifluo...	4.371	101	66734	19.530	ug/l	99
10) Methyl Iodide	4.589	142	64220	16.458	ug/l	98
11) Tert butyl alcohol	5.524	59	56239	96.208	ug/l	96
12) 1,1-Dichloroethene	4.342	96	57201	17.680	ug/l #	80
13) Acrolein	4.183	56	55030	108.505	ug/l	96
14) Allyl chloride	5.018	41	107656	21.726	ug/l #	86
15) Acrylonitrile	5.718	53	197740	108.548	ug/l	98
16) Acetone	4.430	43	179237	111.431	ug/l	95
17) Carbon Disulfide	4.712	76	148078	15.868	ug/l	99
18) Methyl Acetate	5.024	43	170019	22.093	ug/l #	84
19) Methyl tert-butyl Ether	5.800	73	227224	20.400	ug/l	94
20) Methylene Chloride	5.283	84	79905	19.687	ug/l #	87
21) trans-1,2-Dichloroethene	5.789	96	66427	18.410	ug/l #	80
22) Diisopropyl ether	6.677	45	249235	21.704	ug/l #	89
23) Vinyl Acetate	6.606	43	627858	99.122	ug/l #	87
24) 1,1-Dichloroethane	6.565	63	144104	20.646	ug/l	96
25) 2-Butanone	7.483	43	255109	108.307	ug/l #	82
26) 2,2-Dichloropropane	7.489	77	113141	19.600	ug/l	98
27) cis-1,2-Dichloroethene	7.494	96	82753	19.173	ug/l	87
28) Bromochloromethane	7.818	49	84263	24.773	ug/l #	75
29) Tetrahydrofuran	7.847	42	165984	108.312	ug/l #	76
30) Chloroform	7.971	83	155063	20.453	ug/l	97
31) Cyclohexane	8.259	56	105771	17.480	ug/l	85
32) 1,1,1-Trichloroethane	8.171	97	126227	20.434	ug/l	95
36) 1,1-Dichloropropene	8.371	75	101775	19.690	ug/l	95
37) Ethyl Acetate	7.559	43	109380	23.073	ug/l #	90
38) Carbon Tetrachloride	8.365	117	108505	20.829	ug/l	93
39) Methylcyclohexane	9.606	83	84890	17.451	ug/l #	84
40) Benzene	8.612	78	316923	20.471	ug/l	100

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Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)
41) Methacrylonitrile	7.783	41	55687	22.121	ug/l #	85
42) 1,2-Dichloroethane	8.677	62	122815	22.711	ug/l	98
43) Isopropyl Acetate	8.694	43	166842	20.069	ug/l #	92
44) Trichloroethene	9.359	130	76982	20.039	ug/l	93
45) 1,2-Dichloropropane	9.624	63	87937	22.226	ug/l	95
46) Dibromomethane	9.712	93	58362	21.603	ug/l	96
47) Bromodichloromethane	9.894	83	122605	21.280	ug/l	99
48) Methyl methacrylate	9.688	41	80827	22.197	ug/l #	79
49) 1,4-Dioxane	9.700	88	29238	454.407	ug/l #	78
51) 4-Methyl-2-Pentanone	10.447	43	544785	116.397	ug/l	90
52) Toluene	10.635	92	191259	20.838	ug/l	98
53) t-1,3-Dichloropropene	10.841	75	117609	20.823	ug/l	99
54) cis-1,3-Dichloropropene	10.312	75	131077	21.292	ug/l #	89
55) 1,1,2-Trichloroethane	11.018	97	82620	22.380	ug/l	96
56) Ethyl methacrylate	10.877	69	110735	21.029	ug/l #	86
57) 1,3-Dichloropropane	11.165	76	144002	22.130	ug/l	100
58) 2-Chloroethyl Vinyl ether	10.165	63	244413	91.579	ug/l	91
59) 2-Hexanone	11.200	43	391561	109.359	ug/l	88
60) Dibromochloromethane	11.365	129	85476	21.631	ug/l	99
61) 1,2-Dibromoethane	11.471	107	80259	21.661	ug/l	96
64) Tetrachloroethene	11.106	164	73344	24.176	ug/l	95
65) Chlorobenzene	11.894	112	201252	19.806	ug/l	96
66) 1,1,1,2-Tetrachloroethane	11.965	131	79307	21.663	ug/l	97
67) Ethyl Benzene	11.965	91	339198	19.161	ug/l	95
68) m/p-Xylenes	12.076	106	259801	39.396	ug/l	93
69) o-Xylene	12.406	106	125229	19.720	ug/l	94
70) Styrene	12.418	104	206295	20.214	ug/l	96
71) Bromoform	12.582	173	58791	22.616	ug/l #	96
73) Isopropylbenzene	12.700	105	306902	18.844	ug/l	100
74) N-amyl acetate	12.500	43	125864	17.706	ug/l	90
75) 1,1,2,2-Tetrachloroethane	12.941	83	120695	20.902	ug/l	99
76) 1,2,3-Trichloropropane	12.994	75	111179m	22.068	ug/l	
77) Bromobenzene	12.988	156	81523	20.446	ug/l	92
78) n-propylbenzene	13.041	91	366798	19.667	ug/l	98
79) 2-Chlorotoluene	13.129	91	240962	20.225	ug/l	100
80) 1,3,5-Trimethylbenzene	13.176	105	257051	20.286	ug/l	99
81) trans-1,4-Dichloro-2-b...	12.741	75	33180	17.919	ug/l #	74
82) 4-Chlorotoluene	13.229	91	242165	20.454	ug/l	98
83) tert-Butylbenzene	13.441	119	209290	20.178	ug/l	99
84) 1,2,4-Trimethylbenzene	13.488	105	258119	20.705	ug/l	99
85) sec-Butylbenzene	13.623	105	282849	19.683	ug/l	99
86) p-Isopropyltoluene	13.735	119	225756	19.269	ug/l	99
87) 1,3-Dichlorobenzene	13.735	146	141788	19.115	ug/l	99
88) 1,4-Dichlorobenzene	13.818	146	145505	19.326	ug/l	99
89) n-Butylbenzene	14.059	91	189958	18.825	ug/l	97
90) Hexachloroethane	14.335	117	45486	19.604	ug/l	93
91) 1,2-Dichlorobenzene	14.112	146	141629	20.227	ug/l	99
92) 1,2-Dibromo-3-Chloropr...	14.723	75	21132	21.580	ug/l	89
93) 1,2,4-Trichlorobenzene	15.400	180	62424	18.749	ug/l	98
94) Hexachlorobutadiene	15.506	225	29943	19.839	ug/l	97
95) Naphthalene	15.647	128	180147	15.955	ug/l	98
96) 1,2,3-Trichlorobenzene	15.847	180	61451	18.829	ug/l	98

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(#) = qualifier out of range (m) = manual integration (+) = signals summed

